

## DECLARATION COMBINED WITH POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

"Detergent Tablet"

bearing the above listed Procter & Gamble Company Case number, the specification of which was filed as PCT/US00/05302, designating at least the United States of America, with the United States Receiving Office on 29 February 2000.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37 Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under Title 35 United States Code §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or Inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S) TO WHICH WE CLAIM PRIORITY:

9904882.9

GB

04 March 1999

I hereby claim the benefit under Title 35 United States Code §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37 Code of Federal Regulations §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Appln. Serial No.)

(Filing Date)

(Status)(patented, pending, abandoned)

(Appln. Serial No.)

(Filing Date)

(Status)(patented, pending, abandoned)

1091450090407

I hereby appoint the following as my attorney(s) or agent(s) with full power of substitution to prosecute this application and transact all business in the Patent and Trademark office connected therewith:

Name	Registration No.	Associate Power of Attorney Attached [ ] Yes [ ] No
------	------------------	--

Jacobus C. Rasser	37,043
Donald E. Hasse	29,387
T. David Reed	32,931
Eileen L. Hughett	34,352
Timothy B. Guffey	41,048
Emelyn L. Hiland	41,501

SEND CORRESPONDENCE TO:

T. David Reed, c/o The Procter Gamble Company (513) 627-7025

Name	Phone No.
5299 Spring Grove Avenue Cincinnati Ohio 45217-1087	45217-1087
Street City State Zip Code	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: McGOWAN, Steven Baldwin  
Inventor's signature [Signature] Date Aug 8 '00

Residence: 425 Pinebluff Drive Loveland, OH 45140 US OH  
Citizenship: US  
Post Office Address: Same as above

Full name of second joint inventor, if any: KINLOCH, James Iain  
Inventor's signature [Signature] Date 27<sup>th</sup> June

Residence: 21 Horton Drive, Hartford Lea Cramlington Northumberland NE23 3QS GB GBX  
Citizenship: GB  
Post Office Address: PROCTER & GAMBLE TECHNICAL CENTRES LTD,

WHITLEY ROAD, LONGBENTON, P.O. BOX FOREST HALL No. 2, NEWCASTLE UPON TYNE NE12 9TS, ENGLAND

Full name of third joint inventor, if any: McGREGOR, Alasdair Duncan  
Inventor's signature [Signature] Date 5/7/2000

Residence: 27 Shaftesbury Grove, Heaton Newcastle upon Tyne NE6 5FA GB GBX  
Citizenship: GB  
Post Office Address: P+G EUROPEAN SUPPLY CO. (HABC), AVENUE ROAD, SEATON DELAVAL, WHITLEY BAY, TYNE + WEAR NE25 0QJ, ENGLAND

Full name of fourth joint inventor, if any:  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_

Full name of fifth joint inventor, if any:  
Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence:

Citizenship:

Post Office Address: \_\_\_\_\_

FOI060" 25247560

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the U.S. National Phase Entry  
Under 35 USC 371 from  
International Application of  
MCGOWAN, Steven Baldwin et al.  
Int'l. Application No. PCT/US00/05302  
Filed in the RO/US on 29 February 2000  
Entitled: *Detergent Tablet*

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

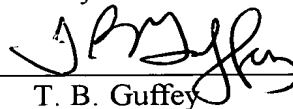
You are requested to recognize K. W. Zerby (Registration No. 32,323), B. M. Bolam (Registration No. 37,513), F. C. Turner (Registration No. 39,863), C. B. Cook (Registration No. 39,151), M. Dressman (Registration No. 42,498), and R. S. Echler, Sr. (Registration No. 41,006), K. L. Waugh (Registration No. 47,206) of The Procter & Gamble Company, Cincinnati, Ohio, as Associate Attorneys to prosecute this application, to make alterations and amendments therein, and to transact all business in the Patent Office connected with the application or with the patent granted thereupon.

Please address all future communications to:

K. L. Waugh, Patent Attorney  
Customer Number 27752

Respectfully submitted for Applicants,

By



T. B. Guffey  
Agent for Applicant  
Registration No. 41,048

Cincinnati, Ohio  
04 September 2001  
(513) 627-7025/FAX 627-6333

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Craig Eugene Zoltowski  
15 Juxon Court  
Baltimore, MD 21236

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Hunt Valley, Maryland  
on this 2nd day of August 2001

Signature Craig Eugene Zoltowski  
Craig Eugene Zoltowski

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

Stephen Paul Zimmerman  
270 Ritchie Avenue  
Wyoming, Ohio 45215

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 22 day of August 2001

Signature Stephen Paul Zimmerman  
Stephen Paul Zimmerman

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Emil Paul BADER Jr.  
6309 Parkman Place  
Cincinnati, Ohio 45213  
U.S.A.

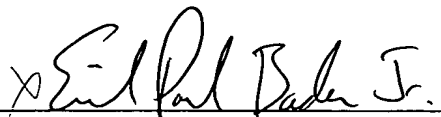
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati on this 30th day of July  
2001

Signature

  
Emil Paul BADER Jr.

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Vincent Bercovici  
28 Beaumont Place  
Isleworth  
Middlesex  
TW7 7LB  
United Kingdom

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Egham, Surrey  
on this 2<sup>nd</sup> day of August 2000

Signature

  
Vincent BERCOVICI



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

**Andrea Branca**  
**Via Stazione 45**  
**80063 Piano Di Sorrento (NA)**  
**Italy**

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Banbury (Chieti)  
on this 18 day of June 2001

Signature Andrea Branca

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

BUCKLEY, Christopher David  
Apartment 4802, Jing Guang Center,  
Chao Yang District, Beijing 100020  
P. R. China

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Beijing Technical Center  
on this 2nd day of August 2001

Signature   
BUCKLEY, Christopher David

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Gerard Laurent Philippe BUISSON  
1015 Springwater Court  
Cincinnati, Ohio 45215  
U.S.A.

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati on this 30th day of July  
2001

Signature Gerard Laurent Philippe Buisson  
Gerard Laurent Philippe BUISSON

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Mairi Campbell  
3 Myrtle Grove  
Jesmond,  
Newcastle upon Tyne NE2 3HT  
England

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Newcastle upon Tyne, England  
on this 24th day of July 2001

Signature Mairi Campbell  
Mairi Campbell

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

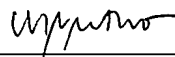
Marjorie Baldueza Castro  
404 West Court 5, 5-532 Koyo-cho Naka,  
Higashinada-ku, Kobe 658-0032 Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 13<sup>th</sup> day of AUGUST 2001

Signature 

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

Helene Karin Costea  
Bräunigstr. 10  
67550 Worms  
Germany

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Schwalbach

on this 30 day of July 2001

Signature Karin Helene Costea

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Dorothee Hélène Davenet  
Rue Uyttenhove, 21  
1090 Brussels  
Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at X Brussels  
on this 1st day of August 2001

Signature

  
Dorothee Hélène Davenet

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

**Domenico Eposito**  
**Via Salara 31**  
**I-66020 S. Giovanni Teatino (Chieti)**  
**Italy**

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Lanciano (Chieti)  
on this 18 day of June 2001

Signature Eposito Domenico



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Eric Henri ESPINOSA  
27 Avenue de la Balance  
1410 Waterloo  
Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Strombeek-Bever on this 23rd day of July  
2001

Signature

  
Eric Henri ESPINOSA

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Mark Joseph Fiteny  
38 Winding Creek Drive  
Jackson, Tennessee 38305

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at MADISON Co. , Tennessee  
on this 1 day of AUGUST 2001

Signature

  
Mark Joseph Fiteny

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

Peter Jens FORTH  
Rue de la Consolation 72  
1030 Brussels  
Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Brussels on this 20 day of July  
2001

Signature Peter FORTH  
Peter Jens FORTH

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

Eiro Fukuda  
7036 Waterview Way  
Cincinnati, Ohio 45241

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati Ohio  
on this 3rd day of August 2001

Signature   
Eiro Fukuda

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Charles Michael Garrison  
4142 Weiser Court  
Hamilton, Ohio 45011

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 7<sup>th</sup> day of August 2001

Signature Charles Michael Garrison  
Charles Michael Garrison

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

**Claudio Gemmiti**  
**Via Danubio 11**  
**I-65010 Spoltore (PE)**  
**Italy**

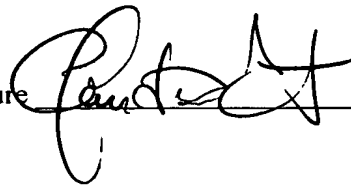
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Sommaceto (Chieti)  
on this 28 day of June 2001

Signature



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

John Michael Gilley  
109 Kenyon Court  
Joppa, MD 21085

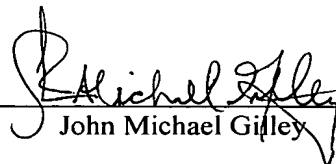
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Hunt Valley, Maryland  
on this 2nd day of August 2001

Signature

  
John Michael Gilley

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Tom Jozef Pieter GODERIS

Grensstraat 103

9000 Gent

Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Strombeck-Beer, Belgium on this 20<sup>th</sup> day of July  
2001

Signature

  
Tom Jozef Pieter GODERIS



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Michael Selden Godlewski  
P.O. Box 603  
41 Broad Street  
Morris (Ostego County), New York 13808

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Norwich, NY  
on this 15 day of August 2001

Signature Michael Selden Godlewski

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Russell William Groves  
8443 Shuman Lane  
Cincinnati, Ohio 45231

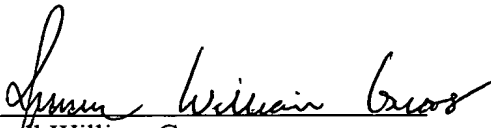
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 13 day of August 2001

Signature

  
Russell William Groves

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Michael Wayne Haney  
206 Bent Creek Lane  
Jackson, Tennessee 38305

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Madison County, Tennessee  
on this 01 day of August 2001

Signature

Michael W. Haney  
Michael Wayne Haney

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

HEKI, Yukio (NMN)  
1-8-3-605 Koyo-cho Naka 3-chome,  
Higashinada-ku, Kobe 658-0032  
Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 31<sup>th</sup> day of July 2001

Signature 

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

John Russell Herring  
52 Bay Meadows Drive  
Jackson, Tennessee 38305

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Jackson, Tennessee  
on this 2nd day of August 2001

Signature John Russell Herring  
John Russell Herring

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

HIROTSU, Dennis Osamu  
5-15-1401 Koyochō-Naka,  
Higashinada-ku, Kobe 658-0032  
Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 13<sup>th</sup> day of August 2001

Signature Dennis D. Hirotsu

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

John Keeney Howie  
5958 Olive Branch Road  
Oregonia, Ohio 45054

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 1 day of August 2001

Signature John Keeney Howie  
John Keeney Howie

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Susan Louise Joa  
7017 Lakota Ridge Drive  
Hamilton, Ohio 45011

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 8 day of August 2001

Signature Susan Louise Joa  
Susan Louise Joa



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Charles Edward Jones  
67 Carthage Drive  
Jackson, Tennessee 38305

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Jackson, Tennessee  
on this 2nd day of August 2001

Signature Charles Edward Jones  
Charles Edward Jones

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

KATO, Tsutomu (NMN)  
1-521-512, 5-Chome, Koyo-cho Naka,  
Higashinada-ku, Kobe 658-0032  
Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 1<sup>st</sup> day of August 2001

Signature 

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

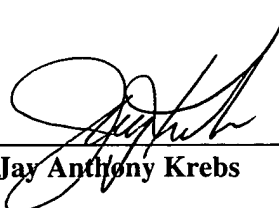
Jay Anthony Krebs  
719 Hurstborne Lane  
Edgewood, KY 41017

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 1st day of June 2000

Signature   
Jay Anthony Krebs

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

David Arthur Lanner  
8761 Weller Road  
Cincinnati, Ohio 45249-2711

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 9 day of August 2001

Signature David Arthur Lanner  
David Arthur Lanner

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

LING, Junjian (NMN)  
No. 17, Haidian Da Jie Jia,  
Haidian District  
Beijing 100000  
P. R. China

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Beijing, China  
on this 14<sup>th</sup> day of February 2001

Signature   
LING, Junjian (NMN)

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Hong (NMN) LU  
2-1-49-403 Sumiyoshi Higashi-cho,  
Higashinada-ku, Kobe Hyogo 658-0052, Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Procter & Gamble FE Akashi Office  
on this 6 day of July 2001

Signature Hong Lu

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Kieran John Michael Madigan  
19, St. Pauls' Road  
Staines  
Middles  
TW18 3HG  
United Kingdom

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Egham Surrey  
on this 31 day of July 2000

Signature Kieran John Michael Madigan  
Kieran John Michael MADIGAN

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Luke R. Magee  
2847 Minot Avenue, Apt. B  
Cincinnati, Ohio 45208

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati Ohio  
on this 30 day of July 2001

Signature





# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Patricia Ann Matson  
6584 Craine Lake Road  
Hamilton, (Madison County) New York 13346

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Norwich, NY  
on this 17<sup>th</sup> day of August 2001

Signature Patricia Ann Matson  
Patricia Ann Matson

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Kouichi (NMN) MIYAMOTO  
8-11-14 715 Shimoyamate-Dori,  
Chuo-ku, Kobe Hyogo 650-0001, Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 10<sup>th</sup> day of July 2001

Signature G. Kato

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Hiroshi (NMN) NAKAHATA  
4-123-502, Koyo-cho Naka 1-chome,  
Higashinada-ku, Kobe Hyogo 658-0032, Japan

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 6th day of July 2001

Signature Hiroshi Nakahata

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

Luisa Navarro-Cerdá  
10703 Woodgate Ln  
Cincinnati, OH 45242

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at SWTC  
on this 1st day of August 2001

Signature Luisa N. Cerdá

PATENT COOPERATION TREATY

POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Arnout Antoon Gabriel NYS  
Wakkerzeelsebaan 62  
B-3012 Wilsele

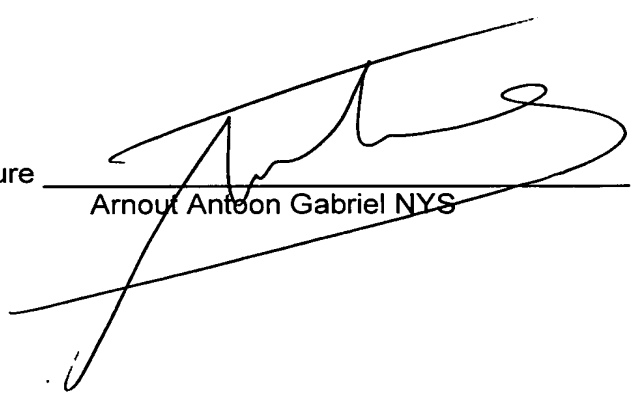
hereby appoints:

THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Wilsele, Belgium  
on this 10 day of August 2001

Signature

  
Arnout Antoon Gabriel NYS

(PCTPOA-ACR.doc)

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

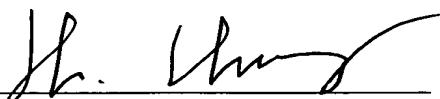
Hiroshi (NMN) Oh  
8541 Meadowbluff CT,  
Cincinnati, OH 45249 U.S.A.

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Ohio, U.S.A.  
on this 16<sup>th</sup> day of August 2001

Signature 

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Merrilee LaDonna Palcic  
8453 Old Dexter Road  
Cordova, Tennessee 38018

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Jackson, Tennessee  
on this 2 day of August 2001

Signature Merrilee LaDonna Palcic  
Merrilee LaDonna Palcic

**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

**David Sarro**  
**Pamiersring 22**  
**D-74264 Crailsheim 74564**  
**Germany**

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at CRAILSHEIM - D  
on this 23 day of JULY 2001

Signature





**PATENT COOPERATION TREATY**

**POWER OF ATTORNEY  
AND  
APPOINTMENT OF COMMON REPRESENTATIVE**

The undersigned applicant:

David Allen Schul  
954 East Foster-Maineville Road  
Maineville, Ohio 45039

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 1 day of August 2001

Signature David Allen Schul  
David Allen Schul

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Bret Darren Seitz  
8599 Ptarmigan Court  
West Chester, OH

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 1st day of June 2000

Signature Bret Darren Seitz  
**BRET DARREN SEITZ**

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Takuya (NMN) SHIRAKAWA  
2609-8 Ohkubo, Ohkubo-cho,  
Akashi Hyogo 674-0067, Japan

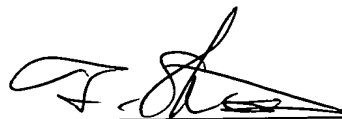
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Kobe, Japan  
on this 12<sup>th</sup> day of July 2001

Signature



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Gisbert Marin Spieles  
106 Rue Berkendael  
1050 Brussels  
Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Brussels - Bur  
on this 3rd day of August 2001

Signature

Gisbert M. Spieles  
Gisbert Marin Spieles

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Matthias Rudolf Sprehe  
Dickeicherfeld 6  
50170 Kerpen-Sindorf  
Germany  
Citizenship: German

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Euskirchen  
on this 1st day of August 2001

Signature Matthias Rudolf Sprehe

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Lee Michael Teras  
5551 Kiplington Drive  
Cincinnati, Ohio 45239

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 10 day of August 2001

Signature Lee Michael Teras  
Lee Michael Teras

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Lieve An

Veerle VANDE VYVERE

Leo Vermandellei 23

2180 Ekeren

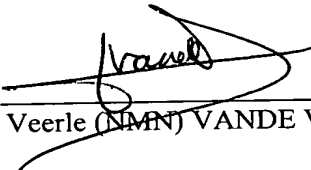
Belgium

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Bussels on this 23 day of July  
2001

Signature   
Veerle (NMN) VANDE VYVERE

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Regina **Weber**  
Im Wingertsgrund 30A  
61449 Steinbach  
Germany

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Steinbach

on this 25 day of July 2001

Signature Regina Weber



# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

**Westerheide, Lars  
Gundelhardtstrasse 35  
D-65779 Kelkheim  
Germany**

hereby appoints:

**THE PROCTER & GAMBLE COMPANY  
One Procter & Gamble Plaza  
Cincinnati, Ohio 45202  
United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Schwalbach  
on this 3<sup>rd</sup> day of August 2001

Signature  

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Christopher David White  
23 Gloucester Road  
Kew Bridge  
Richmond  
Surrey, TW9 3ER  
United Kingdom

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Egham  
on this 8th day of August 2000

Signature Christopher David White  
Christopher David WHITE

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

Amy Kai Woo  
6940 Van Gorden Road  
Hamilton, Ohio 45011

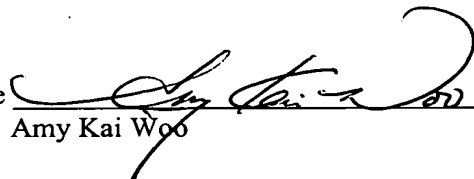
hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Cincinnati, Ohio  
on this 15 day of August 2001

Signature

  
Amy Kai Woo

# PATENT COOPERATION TREATY

## POWER OF ATTORNEY AND APPOINTMENT OF COMMON REPRESENTATIVE

The undersigned applicant:

YE, Hai (NMN)  
2F Xueyan Building, Shuanqin Road  
Haidian District  
Beijing 100084  
China

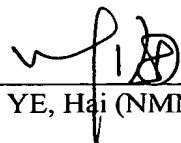
)

hereby appoints:

**THE PROCTER & GAMBLE COMPANY**  
**One Procter & Gamble Plaza**  
**Cincinnati, Ohio 45202**  
**United States of America**

as common representative to act on his/her behalf, with full power of substitution, before all competent international authorities in connection with any and all international applications filed by him/her with either the United States Receiving Office or The International Bureau of W.I.P.O. Receiving Office and to make or receive payments on behalf of the undersigned.

Signed at Beijing, China  
on this 8<sup>th</sup> day of February 2001

Signature   
YE, Hai (NMN)

**Procter & Gamble**

09/914752

518 Rec'd PCT/PTO 04 SEP 2001

Patent Division - International

WRITER'S DIRECT DIAL NUMBER

Ivorydale Technical Center  
5299 Spring Grove Avenue  
Cincinnati, Ohio 45217-1087

Telephone: (513) 627-7025  
Facsimile: (513) 627-6333  
Facsimile: (513) 627-4854

(513) 627-4224

30 August 2001

The Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Dear Sir:

Pursuant to PCT Rule 90.3d, enclosed please find executed General Powers of Attorney appointing The Procter & Gamble Company as common representative with full power of substitution to represent said person in all matters pertaining to the filing and prosecution of international patent applications under the Patent Cooperation Treaty.

Pursuant to applicable PCT regulations, copies of these general powers will be sent when filing our PCT applications.

Very truly yours,



T. David Reed  
Patent Agent  
Registration No. 32,931

Enclosures

"Express Mail" mailing label number EL483620898715

Date of Deposit: 04 Sep 2001

I hereby certify that this paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PCT, The Assistant Commissioner for Patents, Washington, DC 20231.

Virginia Byrd  
Administrator mailing application

Signature of Administrator mailing application

**Attachment**  
**The Procter & Gamble Company**  
**PCT Powers Submitted 30 August 2001**

BADER, Emil Paul Jr.  
BERCOVICI, Vincent  
BRANCA, Andrea  
BUCKLEY, Christopher David  
BUISSON, Gerard Laurent Philippe  
CAMPBELL, Mairi  
CASTRO, Marjorie Baldueza  
COSTEA, Helene Karin  
DAVENET, Dorothee Helene  
EPOSITO, Domenico  
ESPINOSA, Eric Henri  
FITENY, Mark Joseph  
FORTH, Peter Jens  
FUKUDA, Eiro  
GARRISON, Charles Michael  
GEMMITI, Claudio  
GILLEY, John Michael  
GODERIS, Tom Jozef Pieter  
GODLEWSKI, Michael Selden  
GROVES, Russell William  
HANEY, Michael Wayne  
HEKI, Yukio  
HERRING, John Russell  
HIROTSU, Dennis Osamu  
HOWIE, John Keeney  
JOA, Susan Louise  
JONES, Charles Edward  
KATO, Tsutomu  
KREBS, Jay Anthony  
LANNER, David Arthur  
LING, Junjian  
LU, Hong  
MADIGAN, Kieran John Michael  
MAGEE, Luke R.  
MATSON, Patricia Ann  
MIYAMOTO, Kouichi  
NAKAHATA, Hiroshi  
NAVARRO-CERDA, Luisa  
NYS, Arnout Antoon Gabriel  
OH, Hiroshi  
PALCIC, Merrilee Ladonna  
SARRO, David

SCHUL, David Allen  
SEITZ, Bret Darren  
SHIRAKAWA, Takuya  
SPIELES, Gisbert Marin  
SPREHE, Matthias Rudolf  
TERAS, Lee Michael  
VANDE VYVERE, Veerle Lieve An  
WEBER, Regina  
WESTERHEIDE, Lars  
WHITE, Christopher David  
WOO, Amy Kai  
YE, Hai  
ZIMMERMAN, Stephen Paul  
ZOLTOWSKI, Craig Eugene